ARKANSAS DEPARTMENT OF HEALTH

**José R. Romero, MD, FAAP, FIDSA, FPIDS, FAAAS,
Secretary of Health**

COVID-19 Variant of Concern (VOC) Case Report Arkansas, 2021-2022

Week Ending Saturday 3/26/2022

The Arkansas Department of Health (ADH) receives COVID-19 variant reports of a limited number of cases that were sequenced for selected Arkansas residents. The information provided is not the count of all cases due to the COVID-19 Delta variant nor of the counts of all the variants in the state, and are only based on a very small, non-random, convenience sample of cases. Therefore, it is important to understand that this information is not representative of all cases, and does not reflect the overall burden of disease. It is presumed that there are many more people affected than the report shows.

Most of these cases are reported by GISAID and GenBank and identified by ADH staff with assistance from the testing labs. Other data are obtained from Outbreak.info website.

Due to time lag in getting sequencing results, data are subject to change over time and will be updated as more data become available.

March 28, 2022

Cumulative Number of Arkansas Specimens Sequenced as of March 26, 2022

Total Arkansas Sequences = 16,595* (2.15% Sequenced)

Total Number of BA.2 Sub-variant in Arkansas: 34

Name, WHO label (First Detected)	AR Cumulative Prevalence**	AR Prevalence last 30 days**	US Cumulative Prevalence**	US Prevalence last 30 days†
Delta (India) §	68.4%	0%	59.2%	<0.1%
Omicron (South Africa)	26.1%	100%	29.0%	99.9%
Variant Being Monitored (VBM)	5.4%	0%	11.8%	0%

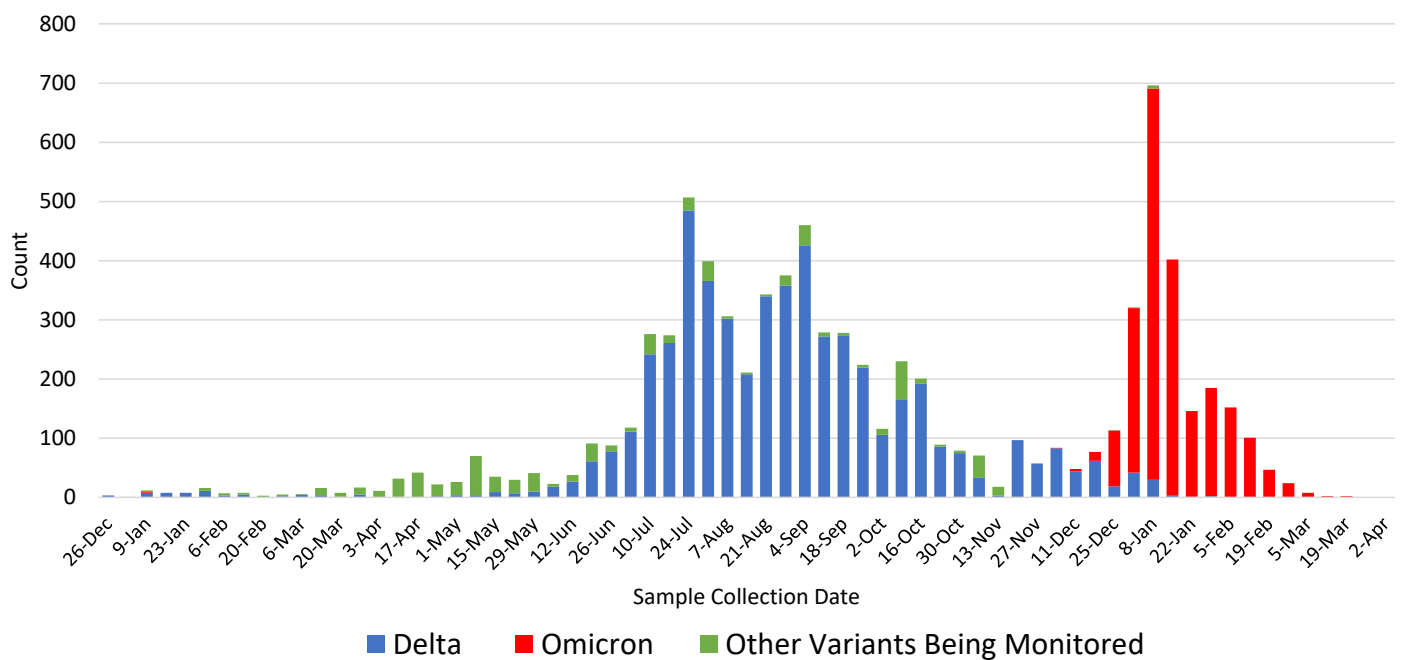* Data obtained from GISAID
** Data obtained from https://outbreak.info/situation reports
† Data obtained from https://covid.cdc.gov/covid-data-tracker/#variant-proportions (as of 3/19/22)
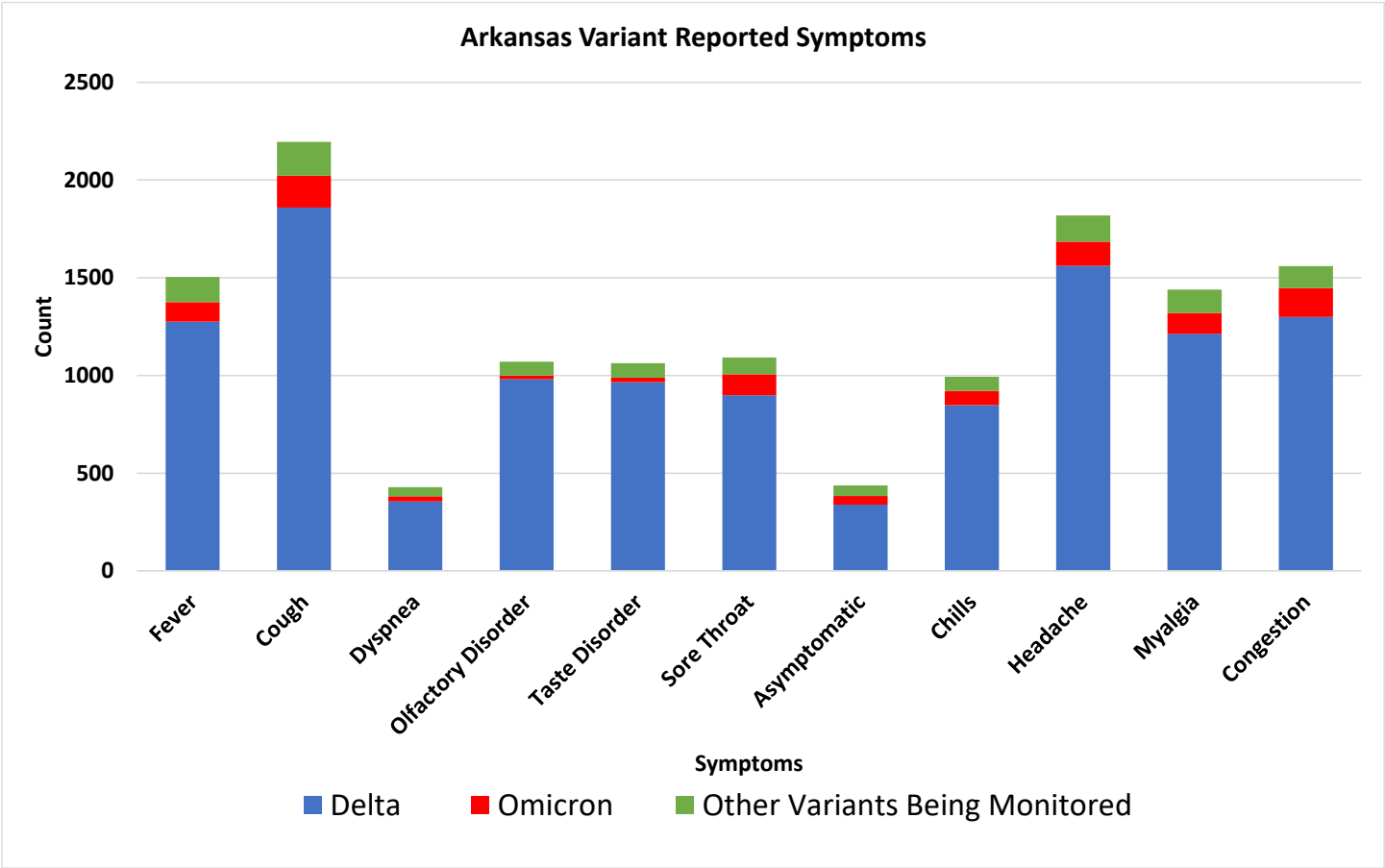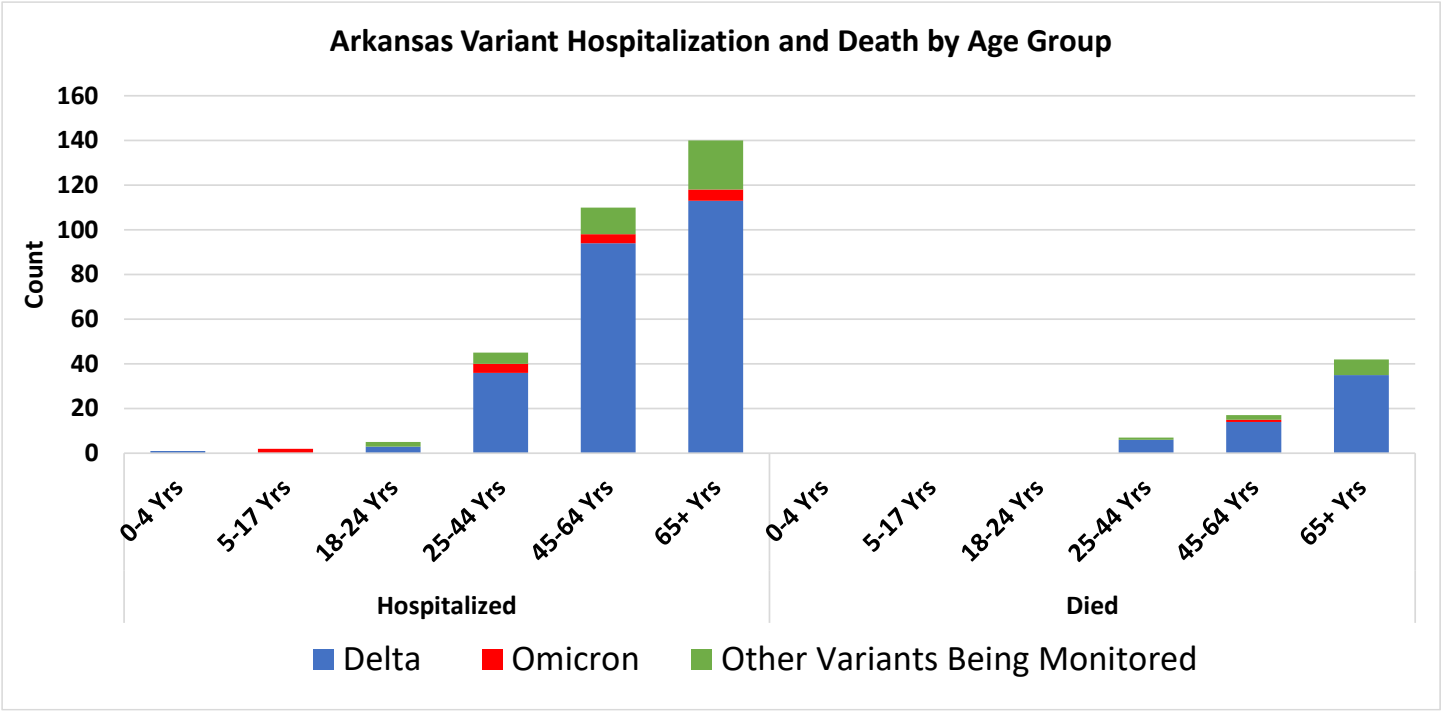§ Delta includes all new Delta mutations

Arkansas Variants Reported by Date of Sample Collection

Arkansas Reported Variant Count by Age Groups

Arkansas Reported Variant Count by Race and Ethnicity

Arkansas Variant Hospitalization and Death by Age Group

■ Delta ■ Omicron ■ Other Variants Being Monitored

Arkansas Variant Reported Symptoms

■ Delta ■ Omicron ■ Other Variants Being Monitored
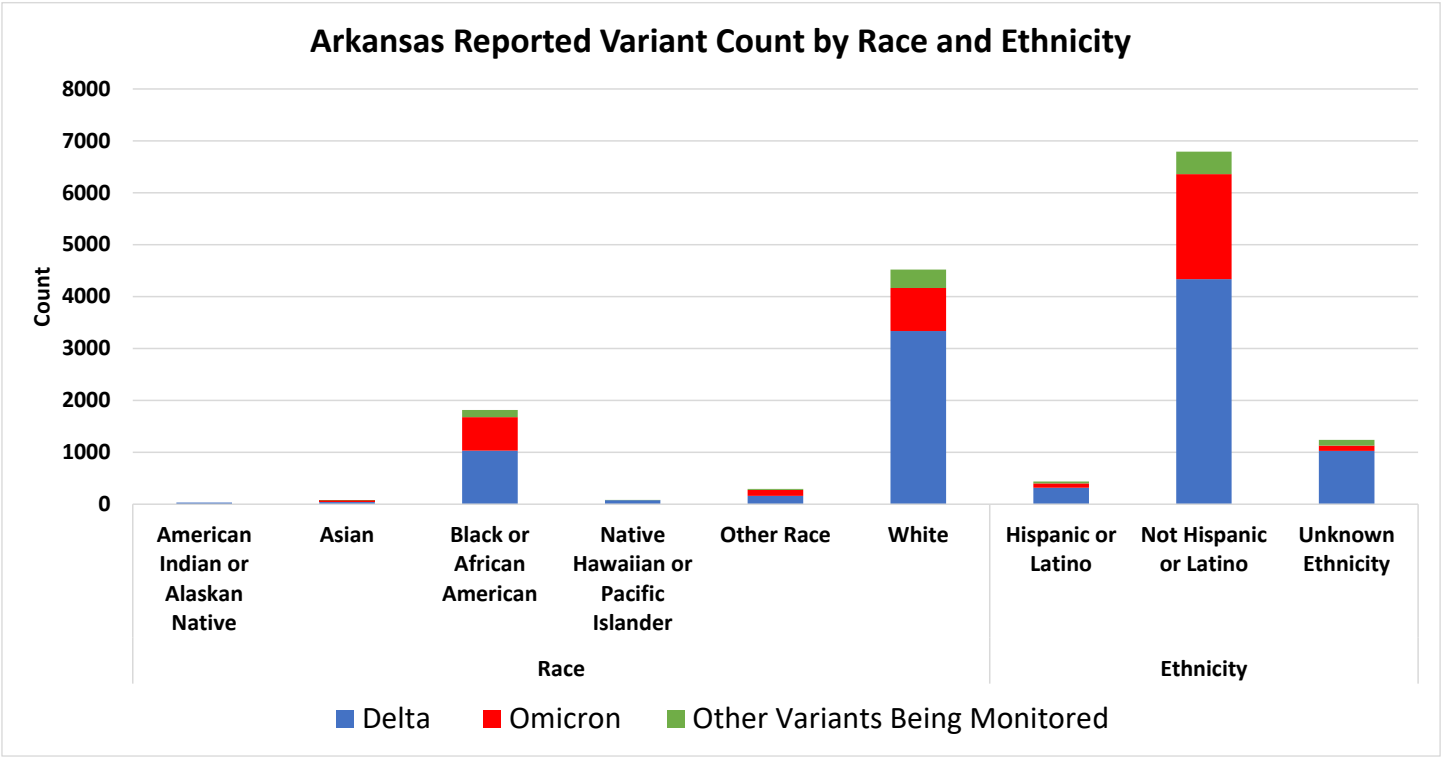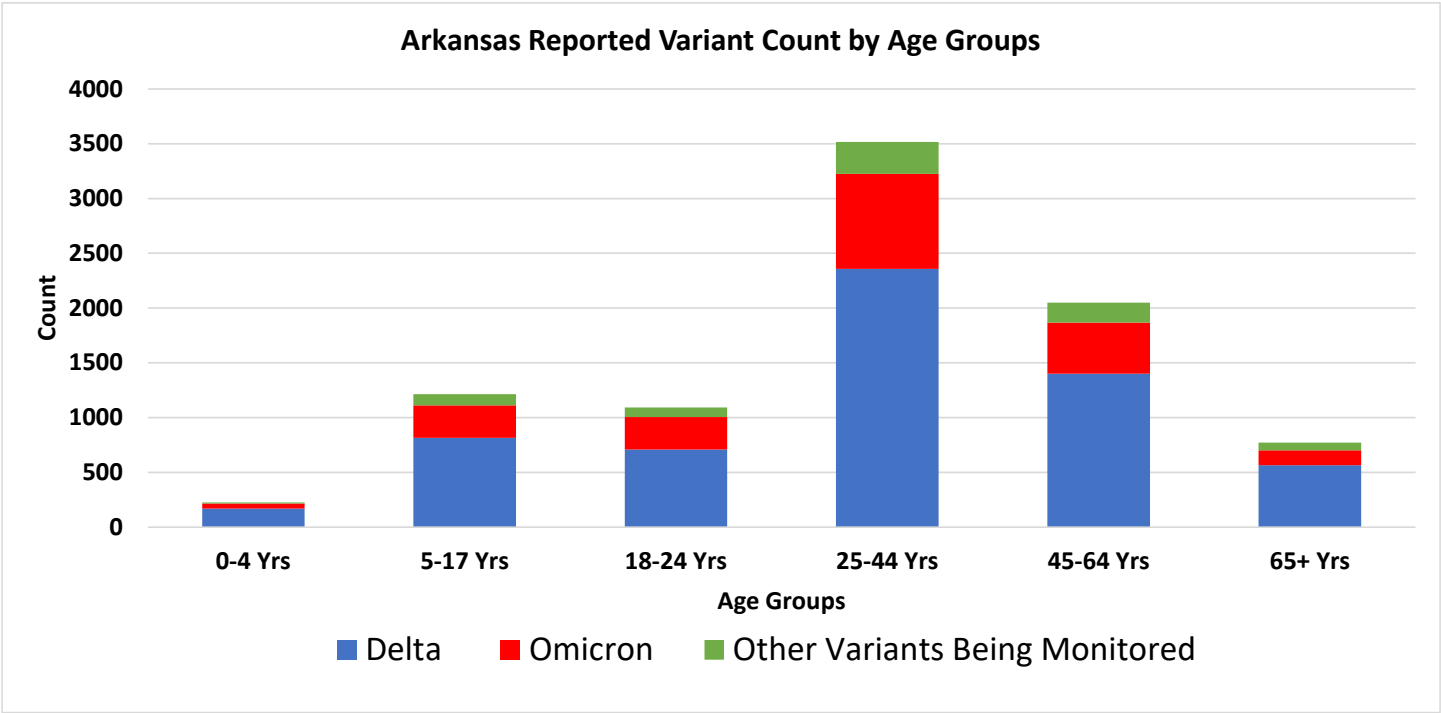
Arkansas Vaccine Breakthrough by Variant and Age Groups

Legend: Delta (blue), Omicron (red), Other Variants Being Monitored (green)
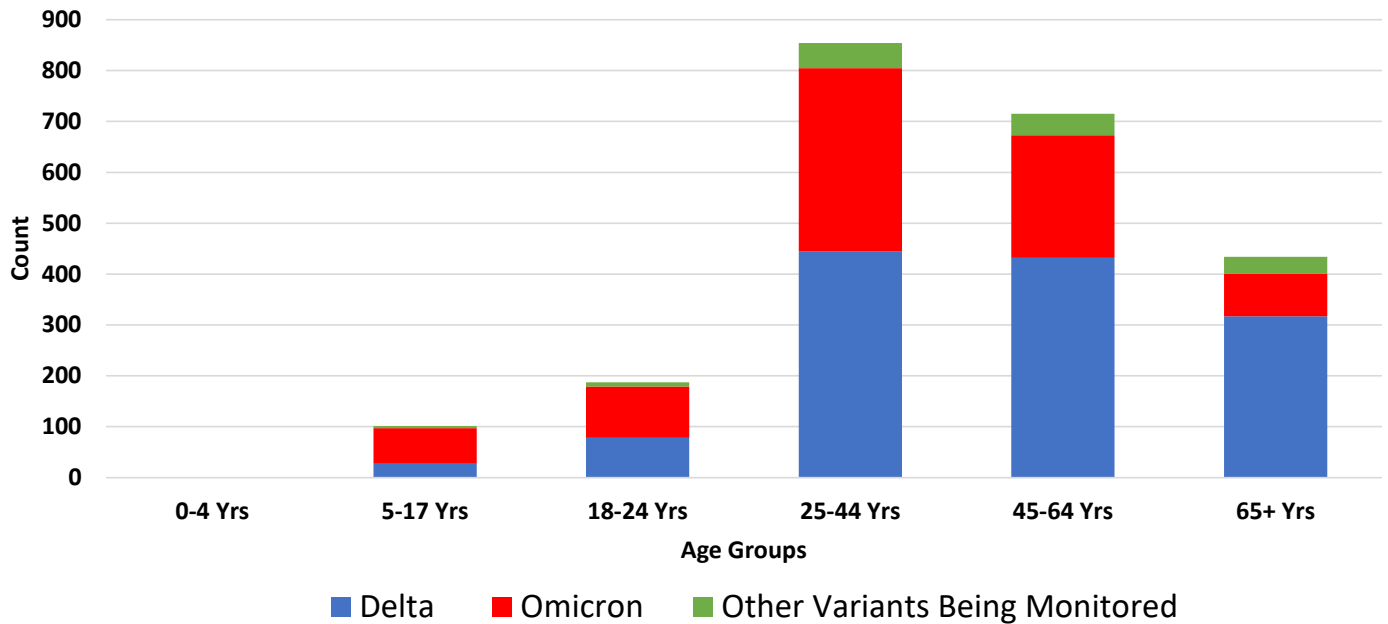
Confirmed COVID-19 Variants by County As of March 26, 2022
Arkansas Total: 16,595 (2.15%)

Total by County
- 3 - 10
- 11 - 50
- 51 - 100
- 101 - 500
- 501 - 1424
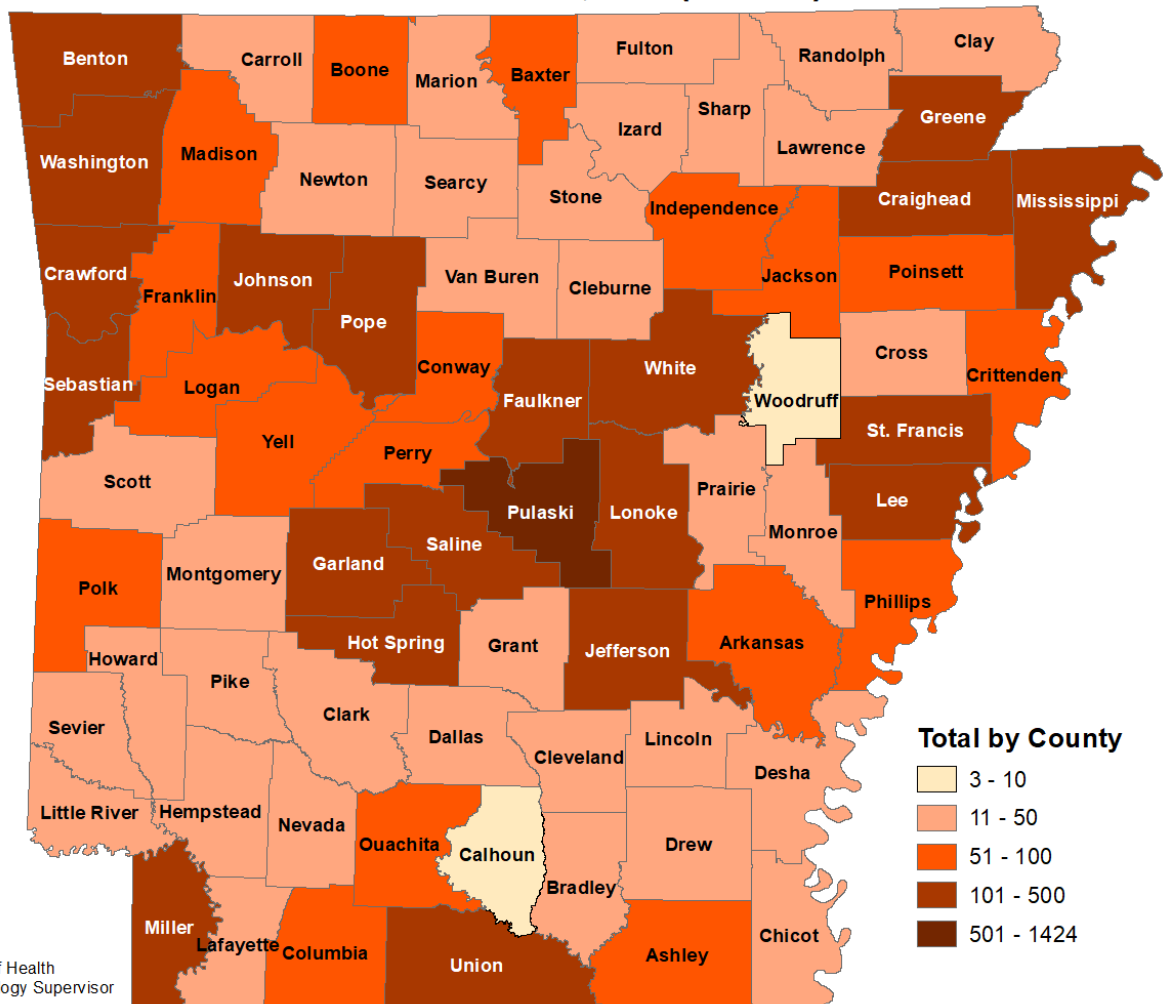
Date: March 28, 2022
Source: Arkansas Department of Health
Author: Haytham Safi, Epidemiology Supervisor

4